

INTERNATIONAL SEARCH REPORT

 International application No.
 PCT/KR2004/001877

A. CLASSIFICATION OF SUBJECT MATTER

IPC7 H05K 7/14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7 H05K 7/14

 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
 Korean Patents and applications for inventions since 1975
 Korean Utility models and applications for Utility models since 1975

 Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
 eKIPASS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	KR2000-0009380 U (LG INFORMATION TELECOMMUNICATION CO., LTD.) 05 JUN. 2000 see the whole document.	1-3
A	KR1998-0034597 A (LG INFORMATION TELECOMMUNICATION CO., LTD.) 05 AUG. 1998 see the whole document.	1
A	KR2000-0014135 A (LG INFORMATION TELECOMMUNICATION CO., LTD.) 06 MAR. 2000 see the whole document.	1
A	US5779061 A (DAEWOO TELECOM LTD.) 14 JUL. 1998 see the whole document.	1
A	JP2002-111271 A (MATSUSHITA ELECTRIC IND. CO., LTD.) 12 APR. 2002 see the whole document.	1

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

11 NOVEMBER 2004 (11.11.2004)

Date of mailing of the international search report

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INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.
PCT/KR2004/001877

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
KR2000-0009380 U	05. JUN. 2000	NONE	
KR1998-0034597 A	05. AUG. 1998	NONE	
KR2000-0014135 A	06. MAR. 2000	NONE	
JP2002-111271 A	12. APR. 2002	NONE	
US5779061 A	14. JUL. 1998	KR1997-0026473 U DE19645993 A1	20. JUN. 1997 15. MAY. 1997